

## ATMS-ATIS RFP 20227

### Questions Set 3:

**Q1.** Based on the response posted on 2/5/18 will you create and release a new version of the Compliance Matrix (Appendix A)?

**R1.** Yes, please see Excel and PDF documents titled “updated requirements matrix.”

**Q2.** Per the RFP, it’s understood that each center has an existing Internet connection with the approximate up and down network speeds provided. Can Iowa DOT provide additional information about the existing Internet connections? Current provider? Type of Internet connection? Current SLA (Service Level Agreement)?

**R2.** No additional detail for the connections will be provided. Iowa DOT manages and pays for the existing internet connections to each Iowa DOT server location shown in Appendix D. The responder should not include telecommunication costs to these locations in their proposal. If the responder's solution includes connection requirements that are greater than what have been described, the responder should explain what these requirements are along with the reasoning for them in detail in their proposal. It is expected that the responder will make efforts to use the provided bandwidth efficiently. In addition, some network-level bandwidth management tools are currently in place. These include network traffic engineering protocols that, for example, designate streaming video as lower priority, to prevent the video from blocking other types of data.

**Q3.** Does Iowa DOT currently cover the cost of these Internet connections and will Iowa DOT continue to cover the costs in the future?

**R3.** Please see R2.

**Q4.** What if the contractor determines that the existing Internet network connections are not adequate? Should the contractor include the necessary costs to procure a month-to-month Internet connection? If yes to above, does Iowa DOT or Iowa IT have a preferred vendor?

**R4.** Please see R2.

**Q5.** With regards to the video distribution system, it's understood that Iowa DOT would like the contractor to procure new server hardware.

A) Does this include the possible replacement of existing network switches and firewalls at each center?

B) If the network switches and firewall are replaced, who's responsible for configuring the network equipment? The contractor or Iowa DOT / Iowa IT?

C) From a network perspective, can the Contractor assume that a centralized server located in Ankeny (or any other region) will have the ability to communicate directly with field devices in other regions for the purposes of status and control? For instance, will a centralized ATMS server in Ankeny be able to directly connect to a video encoder/IP camera on the Quad Cities field network for the purposes of status and control?

**R5.** All central and field networks are managed and maintained by Iowa DOT's ITS Maintenance contractor. The vendor should assume that all ITS Network Data Processing locations (see Appendix D) and field devices are accessible through existing network connections.

**Q6.** Per the RFP, there are approximately 100 rural CCTV cameras. What are the different ways these devices are accessed? For instance, are they on the Iowa DOT's field network? Are they connected via a cellular connection? Are they connected via a broadband network connection?

**R6.** Rural CCTV cameras are primarily on cellular connections. These devices are available as part of the ITS network, (See R8 above). Also, see R.47 from Q&A set 2 for requirements on bandwidth management for CCTV on low-bandwidth connections.

**Q7.** Would it be possible to request in writing an official time extension to the Response Due Date of February 26, 2018? We would be interested in a time extension of two weeks, to March 12, 2018.

**R7.** The due date will be extended to March 9, 2018, see addendum 2.

**Q8.** Could you please provide the average monthly number of text alerts sent?

**R8.** No, this information is not available.

**Q9.** What performance requirements are intended for low bandwidth users? If Iowa DOT performance requirements for low bandwidth users are met by our full featured site, is it necessary to provide an additional low bandwidth option as per requirement TW 08 01?

**R9.** The low bandwidth view shall load any low bandwidth page within five seconds when using an Internet connection with a speed of 56kbps. Replace TW 23 with "The traveler web component of the system shall load the home page within five seconds when using an Internet connection with a speed of at least 10Mbps and respond to user input within two seconds. For the low bandwidth

view, any page shall load within five seconds when using an Internet connection with a speed of 56kbps. "

**Q10.** Are product documents for system and software suitable where software enhancements are not required for this bid?

**R10.** These are acceptable provided they meet the requirements described in AR 01.

**Q11.** Could Iowa DOT please elaborate on the intent of Requirement MS-05? i.e. please clarify and provide an example of variable input sources.

**R11.** Please note that this is an optional requirement. Here is a hypothetical example: a congestion alert is received through the INRIX data feed, and an operator confirms it and creates an event. A decision support system could consider the information in the INRIX event, data from nearby traffic sensors and RWIS pavement sensors to propose appropriate DMS messages or other operator actions.

**Q12.** Is it Iowa DOT's intention to make the video available to outside agencies and other Iowa DOT locations via the internet connection at each server location?

**R12.** Yes.

**Q13.** We respectfully request a 3-week extension to the current due date of February 26, 2018.

**R13.** The due date will be extended to March 9, 2018, see addendum 2.

**Q14.** There appears to be a difference in the statement of the requirements in Appendix A of the RFP and the requirements listed in the excel spreadsheet (e.g., SE 06-03, OF-09 are NOT in the RFP version but in the spreadsheet version) Will Iowa please release a revised RFP and requirements spreadsheet that are consistent.

**R14.** Please see R1.

**Q15.** In Q&A Set 1, Q.17 asked about how to price Hardware in the pricing sheet and R.17 indicated that “a line item would be added to the cost proposal in an upcoming addendum” The latest addendum did not include any updates to the pricing sheet to indicate how to price Hardware

**R15.** It was determined not to include a separate line item for hardware, but instead to include hardware costs within bid items 11 and 12. Previous reference to this was “Replace sections 6.15.1 and 6.15.2 of the RFP with the following:

6.15.1 Video Delivery System The method of measurement for the Video Delivery System shall be per completion of the installation of the video delivery system software at each of the eight data processing sites, configuration with the ITS cameras, and successful completion of the SAT for each site for the Video Delivery System. The basis of payment shall be the unit price bid for each site for Video Delivery System upon successful completion of the SAT and approval by the Iowa DOT Project Manager. Interim progress payments may be made to reimburse the responder for the invoice costs of servers only once they are received at a location agreed upon by the Iowa DOT project manager. The total of the interim progress payments for this item shall not exceed 50% of the total lump sum price bid for this item. 6.15.2 System Deployment The method of measurement for the System Deployment shall be per completion of the installation of all components (including any required hardware) of the processing and telephone support components and systems and the successful completion of the SCAT plans for the respective components of the processing and

telephone support systems. The basis of payment shall be the lump sum price bid for System Deployment upon successful completion of all SCAT and approval by the Iowa DOT Project Manager. Interim progress payments may be made to reimburse the responder for the invoice costs of servers only once they are received at a location agreed upon by the Iowa DOT project manager. The total of the interim progress payments for this item shall not exceed 50% of the total lump sum price bid for this item.” (Q&A set 2 R.23)

**Q16.** In the Q&A Set 2: R28 (Answer to Q28) it states, “See revised figure 3.1” - where is this revised figure provided?

**R16.** This updated figure was inadvertently omitted with the Q&A set 2, but was posted to the Purchasing website on February 13, 2018.

**Q17.** Regarding the Stream Table that was released on 02/05, it appears that the table became mixed up when converted to pdf. Can you please provide a readable version of the Stream Table?

**R17.** This corrected table was posted to the Purchasing website on February 6, 2018. Please re-download this file from the website.